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Claims

1. Method for adapting a score stored in a MIDI file for being reproduced in a mobile terminal to the transfer function of an electroacoustic reproduction circuitry, comprising steps for
- test rendering the score to obtain the sampled data prior to a reproduction of the score on the mobile terminal,
 - identifying, from the sampled data, one or more values and/or one or more combinations of values which are important for a desired electroacoustic reproduction on the mobile terminal, and
 - determining, based on the identified values, one or more parameters suited for adapting the score with respect to the desired reproduction on the mobile terminal.
2. Method according to claim 1, characterised in, that on test rendering the score, a gain factor is determined from a comparison of the identified maximum absolute value of the sampled data with a limit value defined for the electroacoustic reproduction circuitry.
3. Method according to claim 2, characterised in, that the score is adapted by storing the gain factor determined within the MIDI file holding the score.
4. Method according to claim 2, characterised in, that the score is adapted by normalising at least one volume setting of the score with the gain factor determined.
5. Method according to claim 4, characterised in, that the at least one volume setting of the score is a first volume value defining the volume of one or more devices and/or a second volume value defining a modification of a first volume value for a certain period of time.

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6. Method according to claim 2,
characterised in,
that the gain factor determined is stored separately to the MIDI file containing the
score.
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7. Method according to one of the claims 1 to 6,
characterised in,
that adapting the score includes steps for reducing the dynamic range of the sampled
data rendered therefrom for one or more passages of the score on the basis of a
10 determination of volume level changes in the respective one or more passages of the
score.
8. Method according to one of the claims 1 to 7,
characterised in,
15 that the rendering of the score comprises a limiting step for reducing the crest factor
of the sampled data rendered.
9. Method according to one of the claims 1 to 8,
characterised in,
20 that adapting the score will be performed prior to storing a MIDI file containing the
score on the mobile terminal.
10. Method according to one of the claims 1 to 8,
characterised in,
25 that adapting the score is performed in the course of arranging the score on the
mobile terminal or separate to it.
11. Computer software product comprising a series of state elements which are
adapted to be processed by a data processing means of a mobile terminal such, that a
30 method according to one of the claims 1 to 10 may be executed thereon.
12. Mobile terminal adapted to store and reproduce a score present in the format of a
MIDI file, having a
- storage means (11) for storing the MIDI file
 - 35 – processing means (12) for rendering sampled data from the MIDI file
 - reproduction means for transforming the sampled data obtained from the MIDI
file into respective sound reproduction, and
 - control means for adapting the score corresponding to a method according to one
of the claims 1 to 10.

13. Mobile terminal according to claim 12,
characterised by
a limiting means for reducing the crest factor of sampled data of an adapted score
5 when being reproduced.

14. Mobile terminal according to claim 13,
characterised by
a dynamic compressor forming the limiting means.
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